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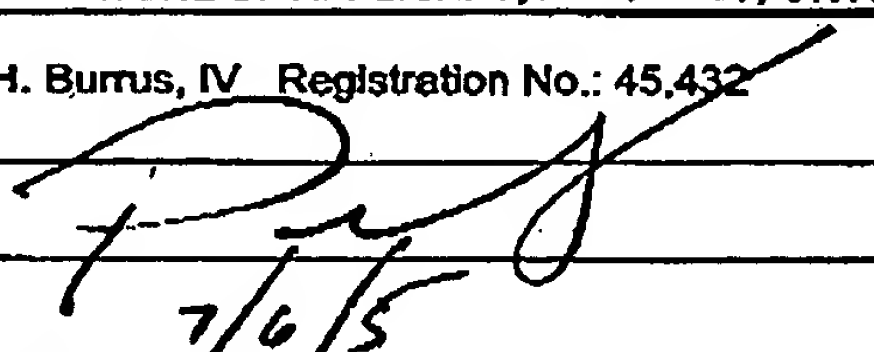
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/730,691	
	Filing Date	DEC 6, 2000	
	First Named Inventor	HERMANN	
	Group Art Unit	2836	
	Examiner Name	JACKSON	
Total Number of Pages in This Submission	11	Attorney Docket Number	EN11021

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input checked="" type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Terminal Disclaimer	<ul style="list-style-type: none"><li>• COPY AMENDMENT SENT DEC 18, 2004</li><li>• FAX CONFIRMATION</li><li>• AUTO-REPLY FAX</li></ul>
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Small Entity Statement	
	<input type="checkbox"/> Request for Refund	
Remarks sent via fax to 703-872-9306 on 7-8-05 B/H		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Philip H. Burrus, IV Registration No.: 45,432
Signature	
Date	7/6/05

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## PETITION ROUTING SLIP

(Find the petition from the list and check the box in the heading above the petition)

## Complete If Known

Application Number	09/730,691
Filing Date	DEC 6, 2000
First Named Inventor	HERMANN
Group Art Unit	2836
Examiner Name	JACKSON
Attorney Docket Number	EN11021

☒ PETITIONS DECIDED BY PETITIONS OFFICE

- |  |   |
|--|---|
| 301 Relating to Public Use Proceedings (37 CFR 1.292)  | 503 To waive/suspend rules (37 CFR 1.163)   |
| 302 To make application special - prospective manufacture (37 CFR 1.102, MPEP 708.02)        | 504 To invoke supervisory authority - re patent examining operations (37 CFR 1.181)   |
| 303 To make special - infringement (37 CFR 1.102, MPEP 108.02)                               | 505 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)(1-4))  |
| 304 Relating to the Filing/Issuance of Divisional Reissues (37 CFR 1.177)                    | 506 To withdraw from issue after payment of issue fee (37 CFR 1.313(b)) or abandon application in favor of continuing application |
| 305 To Waive or suspend rules (37 CFR 1.163)   | 507 To enter priority papers after issue fee payment (37 CFR 1.55(a))   |
| 306 To expunge a paper from patent application or patent file (37 CFR 1.56)                  | 508 To defer issuance of patent (37 CFR 1.314)  |
| 307 Withdrawal of Attorney (37 CFR 1.56)   | 515 To invoke supervisory authority - re Office of Admin. (37 CFR 1.181)  |
| 308 For access to application except re proceedings before Board (37 CFR 1.14, MPEP 103.104) | 516 To waive/suspend rules re patent matters in Office of Admin. (37 CFR 1.183)   |
| 309 Relating to Small Entity (37 CFR 1.28)   | 518 To decide matters before Deputy A/C for Patents under 37 CFR 1.182  |
| 310 Relating to reexamination (37 CFR 1.181-1.183)   | 521 To review refusal to accept & record maintenance fee - application filed on or after 8/27/82 (37 CFR 1.377)                   |
| 311 For correction of inventorship for applications - no filing date (37 CFR 1.48)           | 523 To issue patent in the name of the Assignee (37 CFR 1.334(c))   |
| 312 For correction of inventorship re PCT applications (37 CFR 1.48)                         | 525 To withdraw a holding of abandonment (37 CFR 1.181)   |
| 313 For filing application without one or more inventors (37 CFR 1.47)                       | 526 To order a Commissioner-initiated Reexamination proceeding (37 CFR 1.520)   |
| 314 For filing PCT application without one or more inventors (37 CFR 1.47)                   | 527 To convert Provisional Application  |
| 315 For extension of time without fee in cases in Application Division (37 CFR 1.136(b))     | 528 To reinstate abandoned Provisional Application  |
| 399 For matters before A/C for Patents - not specified                                       | 530 PCT petition-unavoidable  |
| 406 Relating to a filing date under 35 USC 111a, 37 CFR 1.53                                 | 531 PCT petition-unintentional  |
| 411 Filing date for application filed by Express Mail (37 CFR 1.10)                          | 532 To accept unavoidably delayed payment of maintenance fee (37 CFR 1.378 (b))   |
| 412 Filing date for lost application   | 533 To accept unintentionally delayed payment of maintenance fee (37 CFR 1.378 (c))   |
| 501 To revive an abandoned application - unavoidable delay (37 CFR 1.137(a))                 | 534 Petitions related to reexamination proceedings  |
| 502 To revive an abandoned application - unintentional abandonment (37 CFR 1.137(b))         | 598 For matters before the Deputy A/C for Patents - not specified   |

☐ PETITIONS DECIDED BY THE GROUP DIRECTOR

- |  |  |
|--|--|
| 601 To make application special on ground of age or health (37 CFR 1.102, MPEP 708.02)               | 618 For concurrent Ex parte and Inter partes proceedings (37 CFR 1.212)                |
| 602 To make special - continuity of earlier application (37 CFR 1.102, MPEP 708.02)                  | 619 For return of original oath of patent application (MPEP 604.04(a))                 |
| 603 To make special - environment quality program (37 CFR 1.102, MPEP 708.02)                        | 620 For extension of time (37 CFR 1.136(b))  |
| 604 To make special - accelerated examination (37 CFR 1.102, MPEP 708.02)                            | 621 For interview after Notice of Allowance mailed (MPEP 713.10)                       |
| 605 To make special - Energy Program (37 CFR 1.102, MPEP 708.02)                                     | 622 Concerning appeal application before transfer of jurisdiction to Board (MPEP 1206) |
| 606 To make special - Recombinant DNA (37 CFR 1.102, MPEP 708.02)                                    | 623 For second or subsequent suspension of action (37 CFR 1.103, MPEP 709)             |
| 607 To make special for reasons not provided for in codes 601-606 (37 CFR 1.102, MPEP 708.02)        | 625 To reinstate Appeals dismissed in Group  |
| 608 To reopen prosecution after Board decision (37 CFR 1.198)  | 626 From denial of reexamination request (37 CFR 616(c))                               |
| 609 For review of final restriction requirement (37 CFR 1.144)                                       | 627 To enter an amendment after payment of issue fee (37 CFR 1.312(b))                 |
| 610 Invoking Authority of Commissioner under 37 CFR 1.181 not specified in codes                     | 628 From refusal to issue a Certificate of Correction (37 CFR 1.181, MPEP 1480-1485)   |
| 611 Relating to the prematurity of final rejection (37 CFR 1.181, MPEP 706.07(c))                    | 629 For withdrawal of attorney from application pending in group (37 CFR 1.36)         |
| 612 Relating to the refusal to enter an amendment (37 CFR 1.181 & 1.127, MPEP 714.18)                | 630 For extension of time in a reexamination (37 CFR 1.558(c))                         |
| 613 To withdraw a holding of abandonment (37 CFR 1.137, MPEP 711.03)                                 | 631 To merge multiple reexamination proceedings (37 CFR 1.565(c), MPEP 2283)           |
| 614 Relating to a requirement to cancel new matter from application (37 CFR 1.181, MPEP 608.04(c))   | 632 To effect a second conversion of inventorship (37 CFR 1.48, MPEP 201.03)           |
| 616 Relating to mutual exclusivity/propriety of affidavits (37 CFR 1.131, 1.132, 1.608, MPEP 718.07) | 633 Superconductivity  |
| 618 To institute an interference (37 CFR 1.606)  | 634 To correct inventorship in a patent not in interference (37 CFR 1.324, MPEP 1481)  |
| 617 Relating to refusal to enter an amendment under 37 CFR 1.312                                     | 635 To change inventorship in an application (37 CFR 1.48)                             |
|  | 636 To change inventorship in a patent (37 CFR 1.48)                                   |
|  | 637 To withdraw from issue before payment of an issue fee (37 CFR 1.313(a))            |
|  | 699 For matters before Group Director - not specified                                  |

☐ PETITIONS DECIDED BY BOARD OF PATENT APPEALS AND INTERFERENCES

- |   |  |
|---|--|
| 701 To exercise supervisory authority re action by examiner/examiner-in-chief (37 CFR 1.644)                | 711 To assign particular members to hearing or to request augmented panel (25 USC 7) |
| 702 To accept belatedly filed copies of interference settlement agreements (35 USC 135(c), 37 CFR 1.688(c)) | 712 To decide miscellaneous questions in proceedings under 37 CFR 1.601-1.688        |
| 703 For withdrawal of attorney in proceeding under 37 CFR 1.201 - 1.288 (37 CFR 1.35)                       | 713 To accept priority papers in applications in interference (37 CFR 1.644)         |
| 704 For access to a settlement agreement under 35 USC 135(c) (37 CFR 1.656(b))                              | 714 To reinstate an Appeal   |
| 705 For access to an application in proceedings before the Board (37 CFR 1.14(a))                           | 799 For matters before Chairman of Board - not specified                             |
| 706 From a refusal to issue a Certificate of Correction (37 CFR 1.322, 1.323)                               | 801 To make an application before the Board special (37 CFR 1.102)                   |
| 707 To correct errors in inventorship (37 CFR 1.324)  | 802 To reinstate an Appeal   |
| 708 For extension of time to file amendment under 37 CFR 1.198(b) (37 CFR 1.138)                            | 803 To extend time/suspend proceedings (37 CFR 1.198, 1.197, 1.304)                  |
| 709 To make an application before the Board special (37 CFR 1.102)  | 804 For extension of time to file supplemental Reply Brief (37 CFR 1.136)            |
| 710 For extension of time to file supplemental Reply Brief (37 CFR 1.136)                                   | 805 To accept late request for an Oral Hearing (37 CFR 1.138)                        |
|   | 899 For matters before the Clerk of the Board - not specified                        |

☐ PETITIONS DECIDED BY SPECIAL LAWS (SECURITY AND GOVERNMENT INTEREST MATTERS)

- |                       |  |
|-----------------------|--|
| 901 Under 42 USC 2182 | 904 Under 35 USC 267   |
| 902 Under 42 USC 2457 | 905 To consider/review security or Government interest matters - not specified |
| 903 Under 35 USC 184  |  |

☐ PETITIONS DECIDED BY THE SOLICITOR

- |   |   |
|---|---|
| 951 Petitions for extension of time in court matters 35 USC 142, 145, 149                                 | 953 Requests filed under the Freedom of Information Act |
| 952 Petitions relating to ex parte questions in cases before the Court of Appeals for the Federal Circuit | 959 Not specified                                       |

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JUL 08 2005

U.S.S.N. 09/730,691

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*Serial No:* 09/730,691  
*Examiner:* Jackson, Stephen  
*Art Group:* 2836  
*Reference No.:* EN11021  
*Appn. Filed:* December 6, 2000  
*Applicants:* Herrmann, John

*Title:* Intelligent Power Supply and Cable System

July 7, 2005

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313

**Petition to Withdraw Holding of Abandonment Under 37 CFR §1.181**

Sir:

Applicants hereby petition for a withdrawal of the holding of abandonment per 37 C.F.R. § 1.181(a) for the application indicated above. As this petition is filed within 2 months from the notice of abandonment, no terminal disclaimer has been included.

On June 23, 2005, a Notice of Abandonment was mailed to Applicants for this case. The Notice of Abandonment indicated that the file was abandoned due to Applicant's failure to timely respond to an Office Action mailed October 4, 2004.

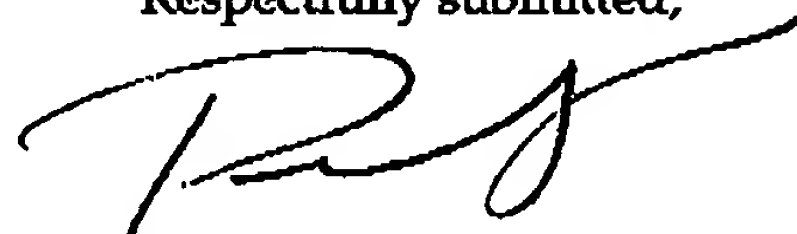
Applicants respectfully request that the holding of Abandonment be withdrawn for the following reason: Applicants timely submitted an Amendment and Response to the Office Action on December 10, 2004 via facsimile to 703-872-9306, which was within the three month time limit for response set forth in the Office Action. Applicants include herein a copy of the amendment, as well as the transmittal having a certificate of transmission attached thereto, the facsimile confirmation sheet indicating successful transmission, and the auto-reply facsimile transmission from the USPTO.

U.S.S.N. 09/730,691

### CONCLUSION

As the Amendment/Reply was successfully transmitted via facsimile to the USPTO prior to the three month time limit, Applicants respectfully request that the Notice of Abandonment be withdrawn.

Respectfully submitted,



Philip H. Burrus, IV  
Attorney for Applicants  
Registration No. 45,432  
770-338-3614 (fax 3557)

### CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office, fax number 703-872-9306 on July 8, 2005.

Printed Name: Rebecca Padilla

Signed Name: [Signature]

#### Enclosures:

- Copy of Amendment transmitted on December 10, 2004
- Facsimile confirmation sheet indicating successful transmission to 703-872-9306
- Auto-Reply Facsimile Transmission from the USPTO

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<p><b>TRANSMITTAL FORM</b></p> <p>(to be used for all correspondence after filing)</p>		<p>Application Number <b>09/730,621</b></p> <p>Filing Date <b>Dec 6, 2000</b></p> <p>First Named Inventor <b>HERMANN</b></p> <p>Group A/E Unit <b>2836</b></p> <p>Examiner Name <b>JACKSON</b></p> <p>Attorney/Agent Number <b>EN11021</b></p>				
<p>Total Number of Pages in This Substantive <b>5</b></p>						
<p><b>ENCLOSURES (check all that apply)</b></p> <table border="0"> <tr> <td> <input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Affidavit  <input checked="" type="checkbox"/> Forwarded/Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavit of Best Invention  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Office Action/Interview Application  <input type="checkbox"/> Response to Interview Pursuant to 37 CFR 1.52 or 1.53 </td> <td> <input type="checkbox"/> Assignment Papers (for all Applicants)  <input type="checkbox"/> Drawings  <input type="checkbox"/> Unpublished Papers  <input type="checkbox"/> Drafts/Working Models (provisional and non-provisional)  <input type="checkbox"/> Drafts to Correspond to a Provisional Application  <input type="checkbox"/> Power of Attorney, Authorization of Correspondence, etc.  <input type="checkbox"/> Verified Claimant  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> Request for Referral </td> <td> <input type="checkbox"/> Other Applicable Correspondence to Group  <input type="checkbox"/> Appeal Communication in Event of Appeal and Reconsideration  <input type="checkbox"/> Appeal Communication to Group (Examination, etc.)  <input type="checkbox"/> Preliminary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Additional Correspondence (please identify below) </td> </tr> </table>				<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Affidavit <input checked="" type="checkbox"/> Forwarded/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit of Best Invention <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Office Action/Interview Application <input type="checkbox"/> Response to Interview Pursuant to 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for all Applicants) <input type="checkbox"/> Drawings <input type="checkbox"/> Unpublished Papers <input type="checkbox"/> Drafts/Working Models (provisional and non-provisional) <input type="checkbox"/> Drafts to Correspond to a Provisional Application <input type="checkbox"/> Power of Attorney, Authorization of Correspondence, etc. <input type="checkbox"/> Verified Claimant <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Referral	<input type="checkbox"/> Other Applicable Correspondence to Group <input type="checkbox"/> Appeal Communication in Event of Appeal and Reconsideration <input type="checkbox"/> Appeal Communication to Group (Examination, etc.) <input type="checkbox"/> Preliminary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Correspondence (please identify below)
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<p>Remarks: <b>sent to 770-338-3557 on Dec 10, 2004.</b></p>						
<p><b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b></p> <p>Name or Printed Name: <b>Philip H. Bump, IV</b> Registration No.: <b>40142</b></p> <p>Signature: <i>[Signature]</i></p> <p>Date: <b>12/10/2004</b></p>						
<p><b>CERTIFICATE OF MAILING</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service on <b>Dec 10, 2004</b> at <b>Washington, D.C. 20531</b> on the date:</p> <p>Typed original name: _____ Date: _____</p> <p>Signature: _____ Date: _____</p>						

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First Named Inventor

HERMANN

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Examiner Name

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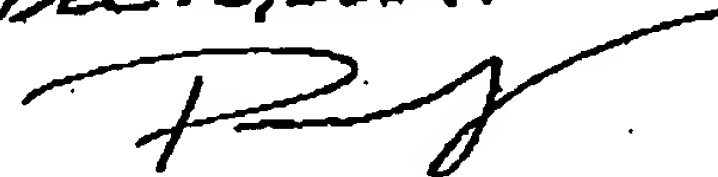
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Remarks

faxed to 903-872-9306  
 on Dec 10, 2004.



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Firm

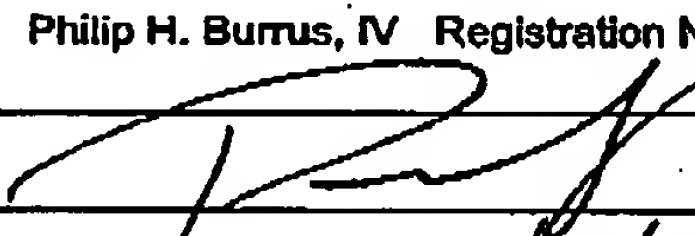


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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Philip H. Burnus, IV Registration No.: 46,432
Signature	
Date	12/10/2004

CERTIFICATE OF MAILING			
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Typed or printed name			
Signature		Date	

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U.S.S.N. 09/730,691

JUL 08 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 09/730,621  
Examiner: Jackson, Stephen  
Art Group: 2836  
Reference No.: EN11021  
Appn. Filed: December 6, 2000  
Applicants: Hermann, John

Title: Intelligent Power Supply and Cable System

December 10, 2004

Commissioner for Patents  
P.O. Box 1450, Arlington, Virginia 22313-1450  
Box: Amendment

Sir:

This amendment is in response to an Office Action mailed October 5, 2004, a response thereto being due on or before January 5, 2004. In view of the remarks herein, Applicants respectfully request reconsideration of the above-identified patent application. The Commissioner is hereby authorized to charge any necessary fees, including fees for extensions of time, to Deposit Account Number 50-2117.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office, fax number 703-872-9306 on Dec 10, 2004.

Printed Name: Timothy L. Bureau

Signed Name: [Signature]



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**CLAIMS:**

Please amend the claims as follows:

- 1) (Currently Amended) An intelligent power system, comprising:
  - a. a power supply having a control circuit; and
  - b. a cable having a memory device; and
  - c. a device specific connector for mating to a host device;wherein the memory device has stored therein predetermined power requirements.
- 2) (Canceled) ~~The system of claim 1, further comprising a device specific connector for mating to a host device.~~
- 3) (Currently Amended) The system of claim ~~[[2]]~~ 1, further comprising a universal connector.
- 4) (Original) The system of claim 3, further comprising a protection circuit.
- 5) (Original) The system of claim 4, wherein the predetermined power requirements are selected from the group consisting of a voltage limit and a current limit.
- 6) (Original) The system of claim 3, further comprising a power conversion circuit.
- 7) (Original) The system of claim 6, wherein the power conversion circuit is selected from the group consisting of fly back regulator, a step-down, or "buck", regulator, a step-up regulator, a buck-boost regulator, and a resonant regulator.
- 8) (Currently Amended) The device of claim ~~[[8]]~~ 7, wherein the memory device is an EPROM.

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**REMARKS – General****Claim Objections:**

The Office Action (OA) objects to claim 8, as it depends from itself. Applicant notes that due to an inadvertent, Microsoft “auto format” text change, the claim, which should have depended from claim 7, depended from claim 8. Applicant has corrected this inadvertent typographical error by amendment.

**Claim Rejections:**

The OA rejects claims 1-7 under 35 USC §103(a) as being unpatentable over Potega, US Pat. No. 6,459,175. Specifically, the OA submits that Potega teaches “...a power supply that detects the power requirements of an electrical device and configures itself to provide the correct power to the device.” The OA notes that Potega fails to teach a memory in the cable, but asserts that it would be obvious to move a memory located in the battery into the cable.

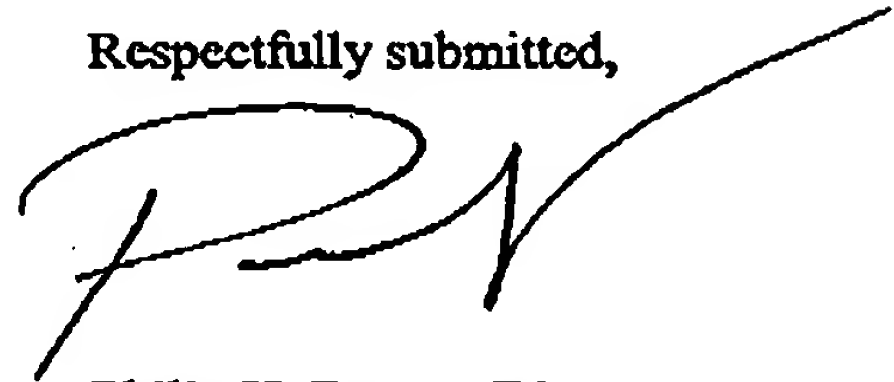
Applicant has amended claim 1 to recite the limitations of claim 2. Support for the amendment is found in claim 2 as originally filed. Applicant respectfully submits that Potega fails to teach a device specific connector for coupling to a host device. Quite to the contrary, Potega teaches a cable that is fixed at one end to the power supply, and which has a “universal connector” at the other end. See, e.g., col. 14, lines 24-29 and col. 48, lines 2-9. As Potega fails to teach all of Applicant’s claimed limitations, Applicant respectfully submits that the §103 rejection is overcome. Applicant respectfully requests reconsideration of the claims in light of the amendment and these comments.

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**CONCLUSION**

For the above reasons, Applicants believe the specification and claims are now in proper form, and that the claims all define patentably over the prior art. Applicants believe this application is now in condition for allowance, for which they respectfully submit.

Respectfully submitted,



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